

## EAST Search History

| Ref # | Hits   | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|---|------------------|---------|------------------|
| L1    | 105979 | (determin\$5 or detect\$5 or measur\$5 or calculat\$5 or obtain\$5 or monitor\$5 or inspect\$5) near8 ((gas near2 concentration) or nitrogen) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/14 13:03 |
| L2    | 20626  | (determin\$5 or detect\$5 or measur\$5 or calculat\$5 or obtain\$5 or monitor\$5 or inspect\$5) near8 (oxygen near2 concentrat\$5)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/14 12:53 |
| L3    | 1381   | ((sensor or sensing) and monitor\$4) near2 cell   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/14 12:53 |
| L4    | 12128  | ((match or matching or balanc\$5 or adjust or adjusting) near4 output) with (\$5sensor or \$5detector)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/14 12:53 |
| L5    | 3      | L1 and L2 and L3 and L4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/14 12:54 |
| L6    | 264    | L1 and L4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/14 12:55 |
| L7    | 64934  | (oxygen near2 concentrat\$5)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/14 12:55 |
| L8    | 107    | L6 and L7   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/10/14 12:55 |

## EAST Search History

|     |         |   |   |    |     |                  |
|-----|---------|---|---|----|-----|------------------|
| L9  | 1177    | (oxygen near2 reactivi\$5)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/14 12:55 |
| L10 | 1       | L8 and L9   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/14 12:55 |
| L11 | 4796    | (variation or varying or vary or change or changing) near5 (oxygen near2 concentrat\$5)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/14 12:56 |
| L12 | 45      | L1 and L11 and L4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/14 12:56 |
| L13 | 3662852 | cell or chamber   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/14 12:56 |
| L14 | 27      | L12 and L13   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/14 12:56 |
| L15 | 13      | ((("6444114") or ("20040195097") or ("20010040105") or ("20050230248") or ("6338783") or ("20030101795") or ("6454931")). PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/14 12:59 |
| L16 | 7       | L15 and L4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/14 12:59 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| L17 | 7    | L15 and L4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/14 12:59 |
| L18 | 5    | L17 and L11  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/14 13:00 |
| L19 | 5066 | (356/432,433,434,435,436,437,438,439,440).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/14 13:00 |
| L20 | 3151 | (204/421,422,423,424,425,426,427,428,429).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/14 13:00 |
| L21 | 459  | (205/781,784.5,788).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/10/14 13:00 |
| L22 | 8435 | L19 or L20 or L21  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/14 13:00 |
| L23 | 13   | L22 and L7 and L11 and L4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/14 13:01 |
| L24 | 5    | ((((determin\$5 or detect\$5 or measur\$5 or calculat\$5 or obtain\$5 or monitor\$5 or inspect\$5) near8 ((gas near2 concentration) or nitrogen)) and (((match or matching or balanc\$5 or adjust or adjusting) near4 output) with (\$5sensor or \$5detector)) and (oxygen near2 concentrat\$5))).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/10/14 13:04 |